

V2 Vacuum Furnace

Published catalogue configuration | 26 September 2026

V2 furnace configuration data organized for engineering review and quotation preparation.

Use these published values for initial comparison. Final work zone, simultaneous temperature-pressure capability, atmosphere, utilities and acceptance limits are confirmed in the project specification.

Model specifications

Parameter	Published value
Equipment Model	V2GR20 / V2GR24
Equipment Type	Horizontal, All-in-one, Side Loading
Overall Equipment Dimension (mm)	1623(L)x1550(W)x 1900(H)
Equipment Weight (T)	Approx. 1.5 / Approx. 1.7
Furnace Chamber Dimension (mm)	200(W)x200(H)x300(L)
Heating Element	Graphite Resistance Heating
Total Equipment Power (KW)	60 / 65
Heating Power (KW)	45 / 50
Maximum Temperature (C)	2000 / 2400
Maximum average heating rate (C/min)	100 (Empty furnace,Cold state,Purified)
Temperature Uniformity (C)	+/-5
Temperature Measuring Sensor	Tungsten-rhenium thermocouple / Tungsten-rhenium thermocouples + infrared monitor
Vacuum Unit(Standard)	Direct Connection Pump + Diffusion Pump
Ultimate Vacuum Degree (Pa)	7x10-3 (Empty Furnace, Cold State, Purified)
Vacuum Pumping Speed	Atmospheric Pressure to 10 Pa <= 10 min
Pressure Rise Rate (Pa/h)	<= 2
Protective Atmosphere	Ar or N2
Atmosphere Pressure (MPa)	<=0.03 (Gauge Pressure, Slight Positive Pressure)

Prepare a technical review

Send your material, desired result, sample/workpiece size, temperature, atmosphere, load or pressure, throughput, destination country and required standards.

haoyue@haoyue-group.com | +86 21 5109 5281

<https://www.haoyuefurnace.com/products/v-series-vacuum-furnace>

Catalogue provenance: <https://www.haoyue-group.com/product/v-series-vacuum-furnace>